

PTO/SB/01 (10-01)
 Approved for use through 10/31/2002. OMB 0651-0032
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
 DESIGN
 PATENT APPLICATION
 (37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing
 OR
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 560043630106

First Named Inventor Elek et al.

COMPLETE IF KNOWN

Application Number 10/152883

Filing Date 05/21/2002

Art Unit N/A

Examiner Name N/A

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

POWER SYSTEMS, POWER CIRCUITS, AND COMPONENTS FOR POWER SYSTEMS

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 05/21/2002 as United States Application Number or PCT International

Application Number 10/152883 and was amended on (MM/DD/YYYY) 05/21/2002 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

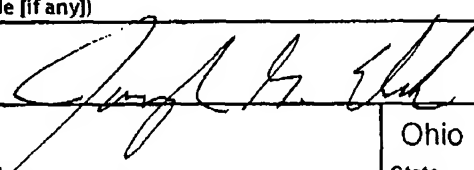
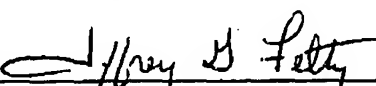
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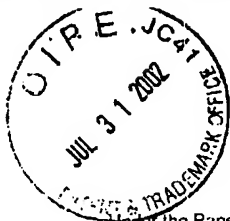
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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>		Customer Number or Bar Code Label <input type="text"/>		OR <input checked="" type="checkbox"/> Correspondence address below	
F. Drexel Feeling, Esq.					
Name					
Jones, Day, Reavis & Pogue					
Address North Point, 901 Lakeside Avenue					
Cleveland City			Ohio State		44114 ZIP
US Country		(216) 586-3939 Telephone		(216) 579-0212 Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Joseph F. (first and middle (if any))			Family Name Elek or Surname		
Inventor's Signature 				Date 7-19-02	
Elyria Residence: City		Ohio State	U.S. Country	U.S. Citizenship	
532 Princeton Avenue					
Mailing Address					
Elyria City		Ohio State	44035 ZIP	U.S. Country	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Jeffrey G. (first and middle (if any))			Family Name Felty or Surname		
Inventor's Signature 				Date 7-19-02	
Elyria Residence: City		Ohio State	U.S. Country	U.S. Citizenship	
412 Park Avenue					
Mailing Address					
Elyria City		Ohio State	44035 ZIP	U.S. Country	
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					



PTO/SB/02A (10-00)

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DECLARATION

 ADDITIONAL INVENTOR(S)
 Supplemental Sheet
 Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Neil A.		Family Name Kammiller	
Inventor's Signature 		Date 7-19-02	
Lorain Residence: City	Ohio State	U.S. Country	U.S. Citizenship
783 West 6th Street Mailing Address			
Mailing Address			
Lorain City	Ohio State	44052 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Dennis F.		Family Name Knurek	
Inventor's Signature 		Date 7/19/02	
Lakewood Residence: City	Ohio State	U.S. Country	U.S. Citizenship
2203 Concord Drive Mailing Address			
Mailing Address			
Lakewood City	Ohio State	44107 ZIP	U.S. Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT
Attorney Docket No. 560043630064(002)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Elek et al.

Serial No.: Not Issued
[This application is a continuation of 10/152883 filed May 21, 2002]

Filed: Herewith

Title: Power System Having a Power Factor Correction Circuit

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

37 CFR 3.73(b) Statement

Attached is a copy of the Assignment of the previous application showing the chain of title from the inventor(s) to the assignee.

A handwritten signature in black ink, appearing to read 'Paul E. Franz', written over a horizontal line.

Paul E. Franz, Reg. No. 45,910
Attorney/Agent for Assignee



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 02, 2002

PTAS

JONES, DAY, REAVIS & POGUE
F. DREXEL FEELING
NORTH POINT
901 LAKESIDE AVENUE
CLEVELAND, OH 44114

DOCKETED



102178918A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/30/2002

REEL/FRAME: 013141/0772
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ELEK, JOSEPH G.

DOC DATE: 07/19/2002

ASSIGNOR:

FELTY, JEFFREY G.

DOC DATE: 07/19/2002

ASSIGNOR:

KAMMILLER, NEIL A.

DOC DATE: 07/19/2002

ASSIGNOR:

KNUREK, DENNIS F.

DOC DATE: 07/19/2002

ASSIGNEE:

MARCONI COMMUNICATIONS, INC.
5900 LANDERBROOK DRIVE
CLEVELAND, OHIO 44124

SERIAL NUMBER: 10152883

FILING DATE: 05/21/2002

PATENT NUMBER:

ISSUE DATE:

013141/0772 PAGE 2

SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-05-2002

Form PTO-1595
(Rev. 12/01)

REC

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼

102178918

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Joseph G. ELEK
Jeffrey G. FELTY
Neil A. KAMMILLER
Dennis F. KNUREK

07.30.02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Marconi Communications, Inc.

Internal Address: 5900 Landerbrook Drive

Street Address: Same

City: Cleveland State: OH Zip: 44124

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 7/19/2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/152883

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: F. Drexel Feeling, Esq.

Internal Address: Jones, Day, Reavis & Pogue

North Point

901 Lakeside Avenue

Street Address: Same

City: Cleveland State: OH Zip: 44114

6. Total number of applications and patents involved: ☐ 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

501432 (Ref. 560043630106)

OFFICE
JUL 25 2002
FINANCE SECTION
1:55 PM

DO NOT USE THIS SPACE

9. Signature.

08/02/2002 DBYRNE 00000180 501432 10152883

01 FC: 81 40.00 CH

F. Drexel Feeling

Name of Person Signing

F. D. Feeling
SignatureJuly 25, 2002
DateTotal number of pages including cover sheet, attachments, and documents: ☐ 4

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

ASSIGNMENT

(Joint)

WHEREAS, we, the undersigned, have made new and useful inventions and improvements in

POWER SYSTEMS, POWER CIRCUITS, AND COMPONENTS FOR POWER SYSTEMS

and are the subject of a provisional patent application filed with the U.S. Patent and Trademark Office filed on May 21, 2002, and assigned Serial No. 10/152883, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signature of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 560043630106(002).

WHEREAS, **Marconi Communications, Inc.**, a corporation of the State of Delaware, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in and to said inventions and improvements including the patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 7-19-02

Residing and Having a
Post Office Address at:


Joseph G. Elek

532 Princeton Avenue
Elyria, Ohio 44035

STATE OF OHIO


)

) ss:

COUNTY OF LORAIN

)

The above named Joseph G. Elek, known to me, appeared before me this 19th day of July, 2002, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.

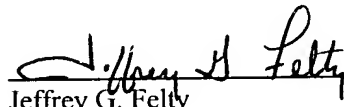

Notary Public

KAREN CRITELLI
Notary Public, State of Ohio
My Commission Expires 8-28-04

Notarial Seal

Date: 7-19-02

Residing and Having a
Post Office Address at:


Jeffrey G. Felty

412 Park Avenue
Elyria, Ohio 44035

STATE OF OHIO

)

) ss:

COUNTY OF LORAIN

)

The above named Jeffrey G. Felty, known to me, appeared before me this 19th day of July, 2002, and acknowledged that the foregoing instrument was executed by him as his free act and deed for the uses and purposes therein set forth.

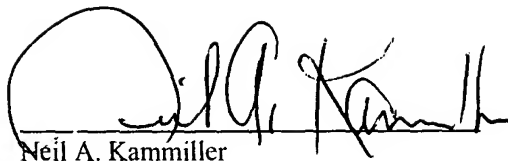

Notary Public

KAREN CRITELLI
Notary Public, State of Ohio
My Commission Expires 8-28-04

Notarial Seal

Date:

7-19-02



Neil A. Kammiller

Residing and Having a
Post Office Address at:

783 West 6th Street
Lorain, Ohio 44052

STATE OF OHIO

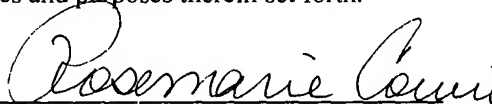
)

) ss:

COUNTY OF LORAIN

)

The above named Neil A. Kammiller, known to me, appeared before me this 19th
day of July, 2002, and acknowledged that the foregoing instrument was
executed by him as his free act and deed for the uses and purposes therein set forth.

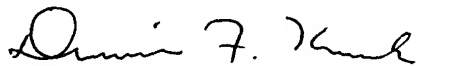


Notary Public
ROSEMARIE COWIE
Notary Public for the State of Ohio
My Commission Expires April 14, 2003
Recorded in Erie County

Notarial Seal

Date:

7/19/02



Dennis F. Knurek

Residing and Having a
Post Office Address at:

2203 Concord Drive
Lakewood, Ohio 44107

STATE OF OHIO

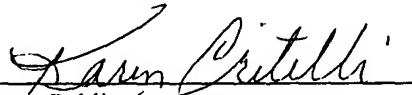
)

) ss:

COUNTY OF LORAIN

)

The above named Dennis F. Knurek, known to me, appeared before me this 19th
day of July, 2002, and acknowledged that the foregoing instrument was
executed by him as his free act and deed for the uses and purposes therein set forth.



Notary Public
KAREN CRITELLI
Notary Public, State of Ohio
My Commission Expires 8-28-04

Notarial Seal